

		Fee Summary <sup>1</sup>			
Fee Group	Fee per	Cleared Screen Trade	Cleared Block Trade	ClearedEFP Trade	Settlement or Option Exercise/Assignment
<b>Power Financial Monthly Futures</b>					
PJMWestern Hub Real Time Futures	MWh	\$0.0050	\$0.0050		\$0.0025
PJMWestern Hub Day Ahead Futures	MWh	\$0.0075	\$0.0075		\$0.0025
All Other Power Monthly Futures	MWh	\$0.0100	\$0.0100		\$0.0025
<b>Power Monthly/Calendar Year Options</b>					
PJM WESTERN HUB Monthly Real Time On-Peak Option	MWh	\$0.0050	\$0.0050		\$0.0000
PJM WESTERN HUB Calendar Year Real Time On-Peak Option	MWh	\$0.0030	\$0.0030		\$0.0000
All Other Power Monthly/Calendar Options	MWh	\$0.0075	\$0.0075		\$0.0000
<b>Natural Gas Financial Monthly Futures</b>					
Henry Hub Futures (2,500 MMBtu)	lot (2,500 MMBtu)	\$0.40	\$0.40	\$0.40	\$0.10
Henry Hub Futures(10,000 MMBtu)	lot (10,000 MMBtu)	\$1.30	\$1.30	\$1.30	\$0.40
<b>Natural Gas Monthly Options</b>					
Henry Hub Options (2,500 MMBtu)	lot (2,500 MMBtu)	\$0.45	\$0.45		\$0.25
Henry Hub Options(10,000 MMBtu)	lot (10,000 MMBtu)	\$1.50	\$1.50		\$1.00
<b>Environmental Physical Monthly Futures</b>					
California Carbon Allowance/Offset Futures	lot (1,000 t)	\$4.50	\$2.50	\$2.50	\$4.00
Washington Carbon Allowance Futures	lot (1,000 t)	\$4.50	\$2.50	\$2.50	\$4.00
RGGI Carbon Allowance Futures	lot (1,000 t)	\$1.75	\$1.00	\$1.00	\$2.00
VER / GER / Carbon Removal Futures	lot (1,000 t)	\$10.00	\$5.00	\$5.00	\$5.00
Certified Emission Reduction Futures	lot (1,000 t)	\$5.00	\$2.50	\$2.50	\$2.00
CSAPR NO <sub>x</sub> Ozone Season Group 2/Group 3 Allowance Futures	lot (5 t)	\$5.00	\$2.50	\$2.50	\$5.00
California PCC 3 REC Futures	lot (100 MWh)	\$1.75	\$1.00	\$1.00	\$1.75
PJM Compliance REC/AEC Futures	lot (100 MWh)	\$1.75	\$1.00	\$1.00	\$1.75
NEPOOLClass 1 Compliance REC/AEC Futures	lot (100 MWh)	\$3.00	\$1.50	\$1.50	\$2.50
NEPOOLClass 2 & Class 3 Compliance REC/AECFutures	lot (100 MWh)	\$4.50	\$2.50	\$2.50	\$4.00
New York RECTier 1 Futures	lot (100 MWh)	\$4.50	\$2.50	\$2.50	\$4.00
Texas Compliance REC Futures	lot (100 MWh)	\$0.50	\$0.25	\$0.25	\$0.50
Texas CRS Listed Solar & Texas CRS Listed REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00
NAR CRS Listed Solar & NAR CRS Listed Wind REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00
M-RETS CRS Listed Wind REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00
WREGIS CRS Listed Wind REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00
National CRS Listed Wind REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00
New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures	lot (10 MWh)	\$4.50	\$2.50	\$2.50	\$4.00
Pennsylvania Solar AEC& Maryland Solar REC&OhioSolar REC Futures	lot (10 MWh)	\$0.50	\$0.25	\$0.25	\$0.50
California LCFS and Oregon CFP Credits Futures	lot (100 Credits)	\$4.50	\$2.50	\$2.50	\$4.00
RIN Futures	lot (10,000 RINs)	\$2.00	\$1.00	\$1.00	\$2.00
Renewable Natural Gas Certificate Futures	lot (1,000 dth)	\$15.00	\$10.00	\$10.00	\$15.00
<b>Environmental Monthly Options</b>					
California Carbon Allowance Options	lot (1,000 t)	\$4.50	\$2.50		\$2.00
Washington Carbon Allowance Options	lot (1,000 t)	\$4.50	\$2.50		\$2.00
RGGI Carbon Allowance Options	lot (1,000 t)	\$1.75	\$1.00		\$2.00
Verified Emission Reduction Options	lot (1,000 t)	\$10.00	\$5.00		\$5.00
CSAPR NO <sub>x</sub> Ozone Season Group 2/Group 3 Allowance Options	lot (5 t)	\$5.00	\$2.50		\$5.00
All other CSAPR SO <sub>2</sub> /NO <sub>x</sub> Emission Allowance Options	lot (25 t)	\$1.50	\$0.75		\$1.00
PJM Compliance REC Options	lot (100 MWh)	\$1.75	\$1.00		\$1.00
NEPOOLClass 1 Compliance REC/AEC Options	lot (100 MWh)	\$3.00	\$1.50		\$1.00
NEPOOLClass 2 & Class 3 Compliance REC/AEC Options	lot (100 MWh)	\$4.50	\$2.50		\$2.50
Texas Compliance REC Options	lot (100 MWh)	\$0.50	\$0.25		\$0.50
Texas CRS listed REC Options	lot (1,000 MWh)	\$5.00	\$2.50		\$2.00
New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options	lot (10 MWh)	\$4.50	\$2.50		\$2.50
Pennsylvania Solar AEC & Maryland Solar REC Options	lot (10 MWh)	\$0.50	\$0.25		\$0.50
California LCFS and Oregon CFP Credit Options	lot (100 Credits)	\$4.50	\$2.50		\$2.00
RIN Options	lot (10,000 RINs)	\$2.00	\$1.00		\$2.00

**Notes**

1. This fee schedule is a summary of fees and for power has been normalized on per MWh basis. Power offpeak monthly power futures' trade and settlement fees average \$0.0001/MWh less than the listed fees. Nodal charges fees per lot, the per lot fee for each contract by fee type and trade type can be found in the "All Nodal Exchange Contracts" at [https://www.nodalexchange.com/files/autogenerated/Nodal\\_Exchange\\_Contracts.CSV](https://www.nodalexchange.com/files/autogenerated/Nodal_Exchange_Contracts.CSV). All trades consist of an "Exchange Execution" fee and "Clearing Registration" Fee. Nodal Clear charges settlement fees for positions held through expiration and option exercise fee for exercised options.